

and finally $\mu K = \frac{f}{B}$

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I think all the electromagnetie quantities are here expressed in terms of symbols naturally occurring in the medium and that a strained solid will thus express the state of things isotropic in an dielectric and that we can form a picture of the electric action in

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Dear Fitzgerald
I do not think my X Y Z are necessarily different however different from yours in that for the moment we consider the equalities of an elastic solid. If we suppose the solid strained by

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that $\frac{\partial \xi}{\partial t}$ the Schrödinger wave
 $F = \frac{\mu \xi}{2} = \text{electrokinetic mom.}$

face actions Klein-Günz

it follows that $A \times B$

are the constants in

the ordinary elasticity

e.g. viz

$$\rho \frac{d\xi}{dt} = A \frac{d}{dx} \left(\frac{\partial \xi}{\partial x} + \frac{\partial \eta}{\partial y} + \frac{\partial \zeta}{\partial z} \right)$$

$$-B \nabla^2 \xi$$

and the other symbols have their usual meaning in the electromagnetic theory

$$8\pi f = \nabla^2 \xi + \frac{d}{dx} \left(\frac{\partial \xi}{\partial x} + \frac{\partial \eta}{\partial y} + \frac{\partial \zeta}{\partial z} \right) \\ = \nabla^2 \xi \text{ if it is to be incompressible}$$

$$\alpha = \frac{1}{2} \left(\frac{\partial \xi}{\partial y} - \frac{\partial \eta}{\partial z} \right) \\ - \frac{\partial \xi}{\partial x} = \frac{\mu(A+B)}{2\rho} d \left(\frac{\partial \xi}{\partial x} + \frac{\partial \eta}{\partial y} + \frac{\partial \zeta}{\partial z} \right) \\ = \text{em.f due to keep polarization}$$

This is not zero if it is to be incompressible for then A is infinite

were an offer made to a man
I preferred company

Maxwells theory with
that of Helmholtz

What does Sir W. J. mean
by his note in Nature

Yrs truly

P. Y. Glazebrook

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terms of the strains in
the solid. I said no more
the other day at the Party
because I thought you were
objecting to the elastic me-
chanism and wanted some
thing to explain its elas-
ticity. I doubt after
they will work out any
further. crystals seem a

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difficulty but per-
haps it may on some
kind of assumption
to the action between
matter and ether. I
don't see how a cre-
scalling ellips can be
made to do it at all
If the medium be not
incompressible and

the below dilatation
there & the potential
due to the polarization
is equal to $\frac{ie}{2\pi} \cdot \delta$.
and is propagated with
velocity = $\sqrt{\frac{A}{P}}$ bearing
surface when the me-
dium is incompressible
This corresponds to the
normal wave of Helmholtz theory
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